

**ABSTRACT OF THE DISCLOSURE**

An optical fiber selection system automatically recommends an appropriate optical fiber type for a communication network, based on input from a user. In one embodiment, the system includes a user computer system that is in communication with a vendor computer system. The vendor computer system executes code and performs a number of steps. Initially, the vendor computer system receives at least one technical parameter associated with the proposed communication network from the user, via the user computer system. Next, the vendor computer system automatically selects an optical fiber type for the communication network based on the least one technical parameter. Finally, the vendor computer system provides the selected optical fiber type to the user, via the user computer system.